LISTING OF THE CLAIMS:

Please amend claim 28 and add new claims 37-38 as follows. A complete listing of the claims with proper claims identifiers follows for the convenience of the Examiner.

1-27. (Canceled)

- 28. (Currently amended) A method of preparing and using a coil spring in a pressure relief valve comprising:
 - a) measuring the spring rate of the coil spring;
- b) modifying the spring after measuring its spring rate so as to modify its spring rate to be within ±2% of a target spring rate; and
- c) building a pressure relief valve <u>having an inlet, a disk member</u> <u>closable on the inlet and a mechanism biasing the disk member on the inlet, a body, and an outlet, wherein the disk member and inlet are configured to provide a huddling <u>chamber</u>, with the modified coil spring <u>being used in the biasing mechanism</u>.</u>
- 29. (Withdrawn) The method of claim 28 wherein the spring rate is modified by having one or more disk springs stacked in series with the coil spring.
- 30. (Withdrawn) The method of claim 28 wherein the spring rate is modified by shorting out a portion of the coils of the spring.
- 31. (Original) The method of claim 28 wherein the spring rate is modified by having a portion of the surface of the spring removed.
- 32. (Withdrawn) The method of claim 31 wherein the spring has material removed from its inside diameter.
- 33. (Original) The method of claim 31 wherein the spring has material removed from its outside diameter
- 34. (Withdrawn) The method of claim 28 wherein the spring rate is modified by mechanically enlarging the internal diameter of the spring.

- 35-36. (Canceled)
- 37. (New) The method of claim 28 wherein the outlet is located in the body radially of the huddling chamber.
- 38. (New) The method of claim 28 wherein the relief valve further comprises a secondary orifice between the inlet and the outlet, the secondary orifice being sized so that gas flows from the inlet in a sonic flow and so that gas flows through the secondary orifice in a sonic flow when the valve opens due to a pressure in the inlet exceeding a set pressure.